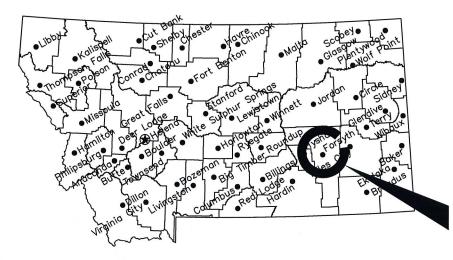
MONTANA FISH, WILDLIFE & PARKS

Rosebud West Fishing Access Site 2016 Boat Ramp Replacement & Bank Stabilization Project

Forsyth, Rosebud County, Montana

FWP # 7153401

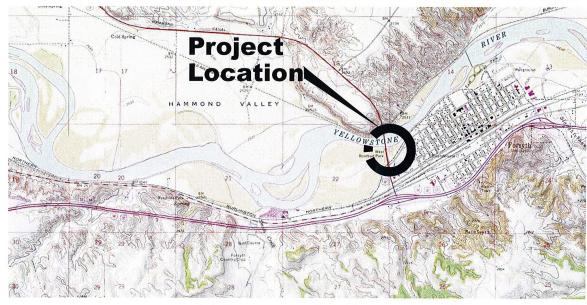


Location Map

Project

Location North





Vicinity Map

MONTANA FISH, WILDLIFE AND PARKS DESIGN AND CONSTRUCTION

MAILING ADDRESS:

PHYSICAL ADDRESS:

PO BOX 200701 1522 9th AVENUE HELENA, MT 59620-0701 HELENA, MT 59601

TEL 406.841.4000

FAX 406.841.4004 fwp.mt.gov/Doing Business/Design&Construction

APPROV

DRAWING INDEX

- COVER SHEET
- SITE PLAN
- NEW RAMP PLAN & PROFILE
- CAST-IN-PLACE CONCRETE BOAT RAMP DETAILS
- PUSH-IN CONCRETE SLAB BOAT RAMP DETAILS



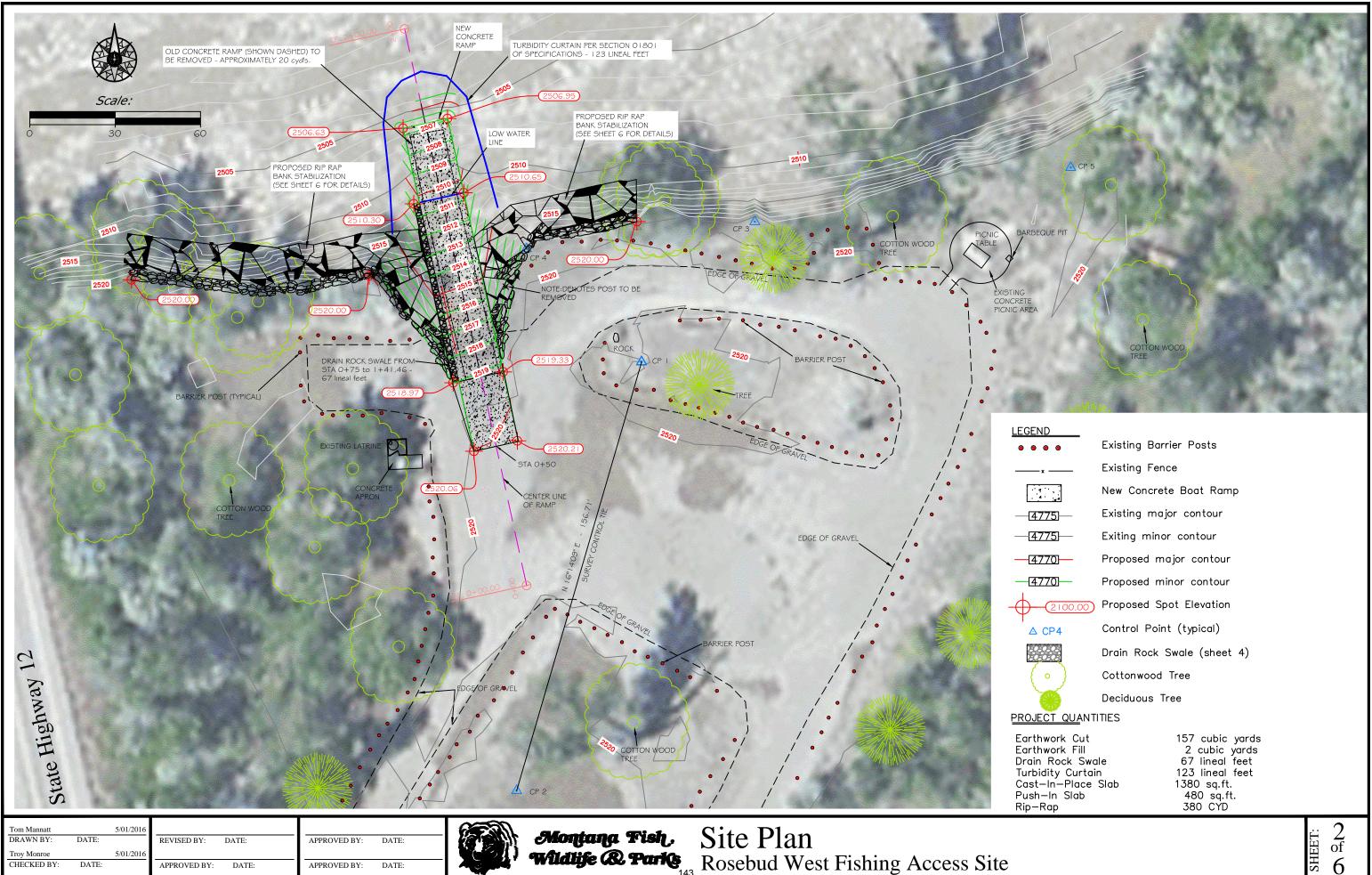
Tom Mannatt		5/01/2016
DRAWN BY:	DATE:	
Troy Monroe		5/01/2016
CHECKED BY:	DATE:	

DATE:	APPROVED BY:	DATE:	
DATE:	APPROVED BY:	DATE:	



Montana Fish,

Cover Sheet Rosebud West Fishing Access Site

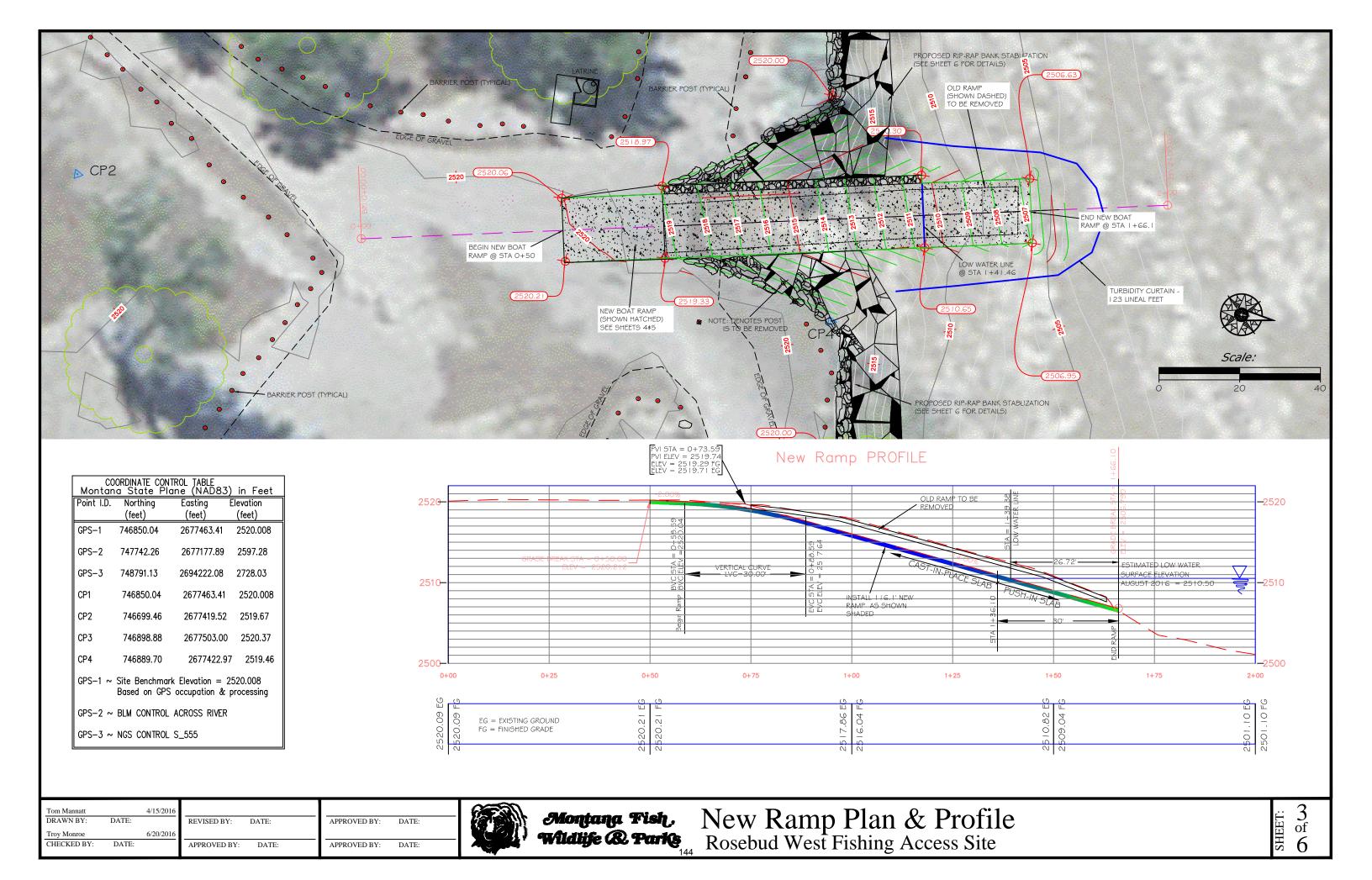


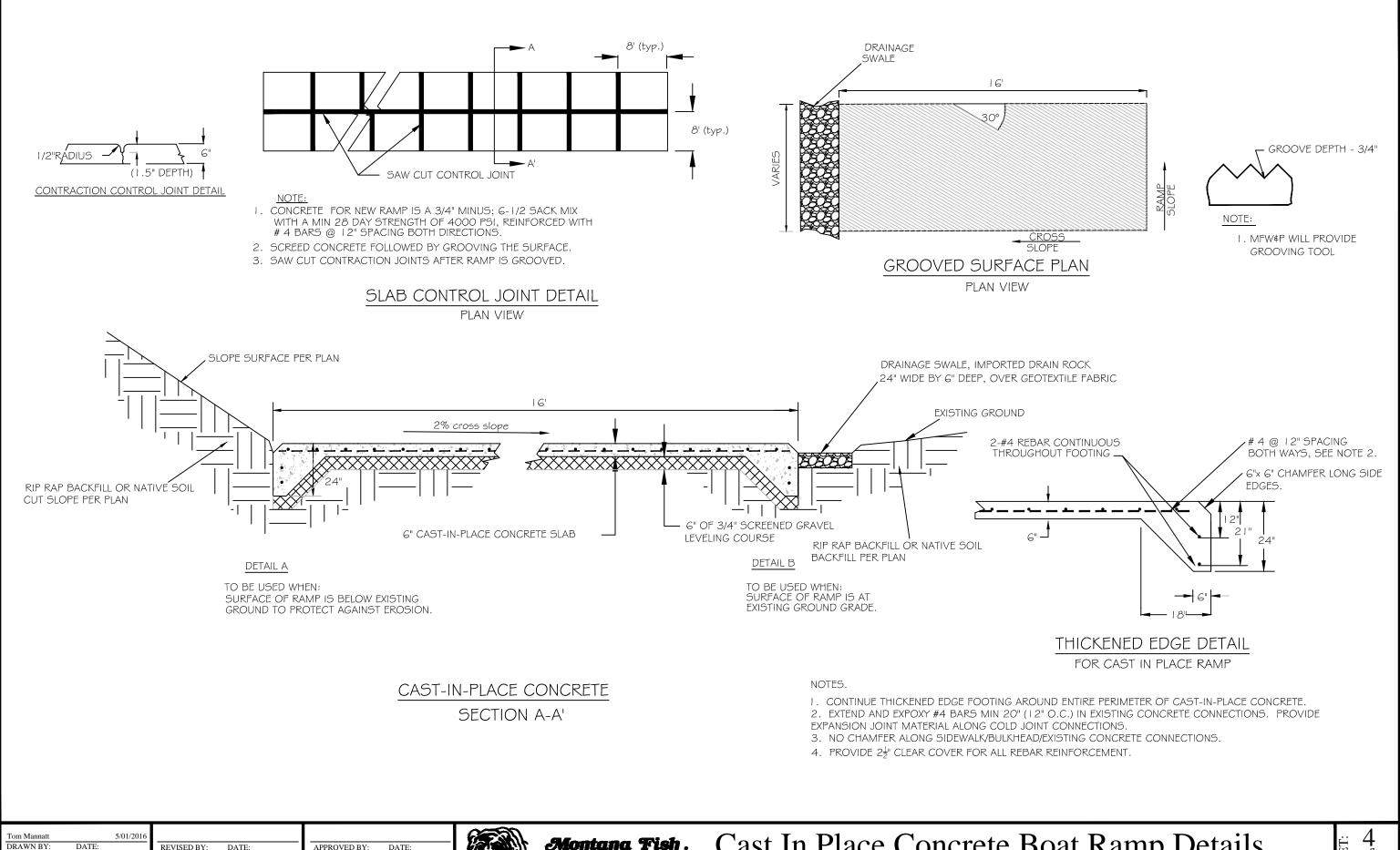
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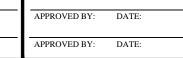


Wildlife & Parts Rosebud West Fishing Access Site





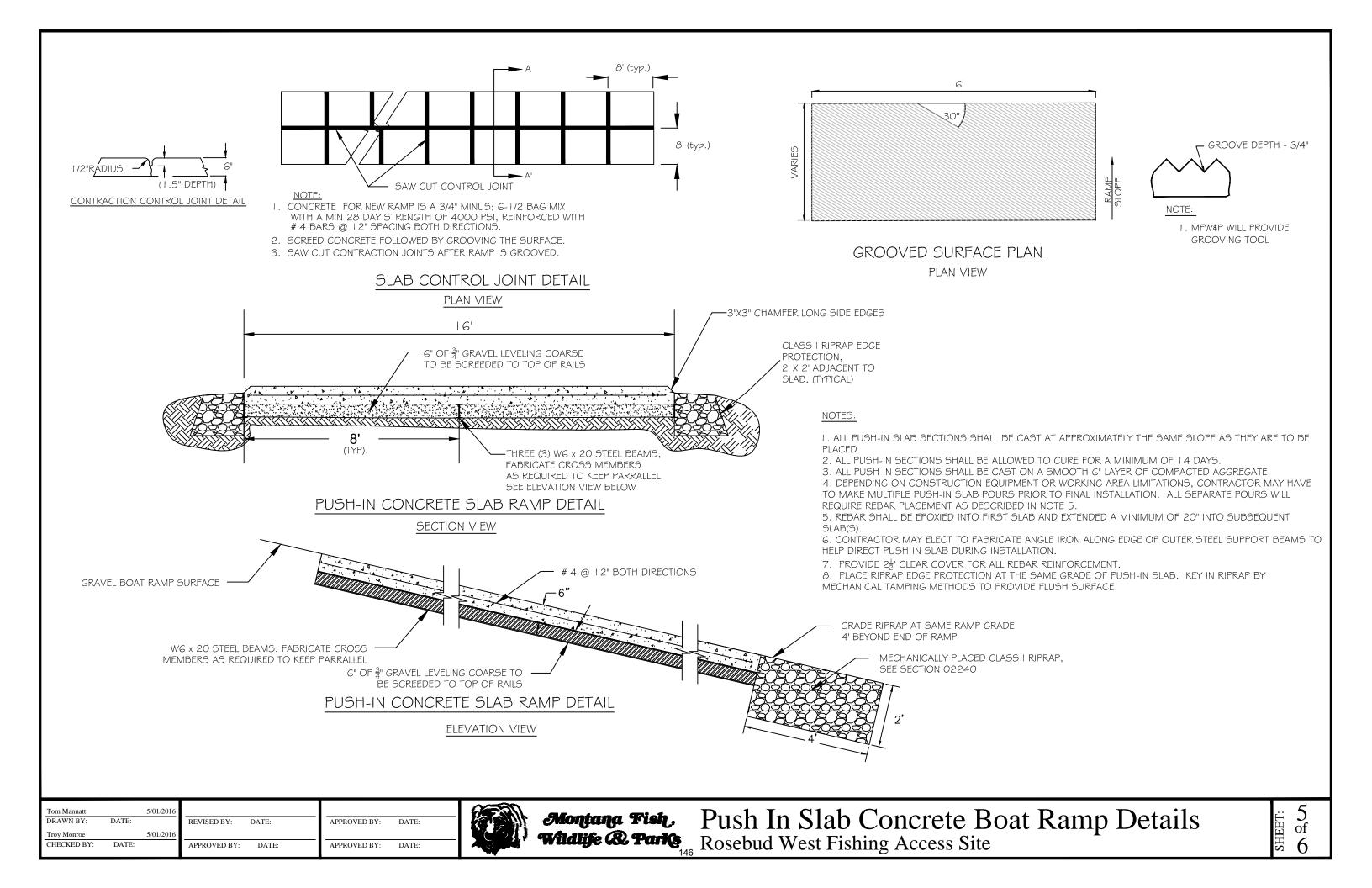
Tom Mannatt		5/01/2016	
DRAWN BY:	DATE:		REVISED BY:
Troy Monroe		5/01/2016	

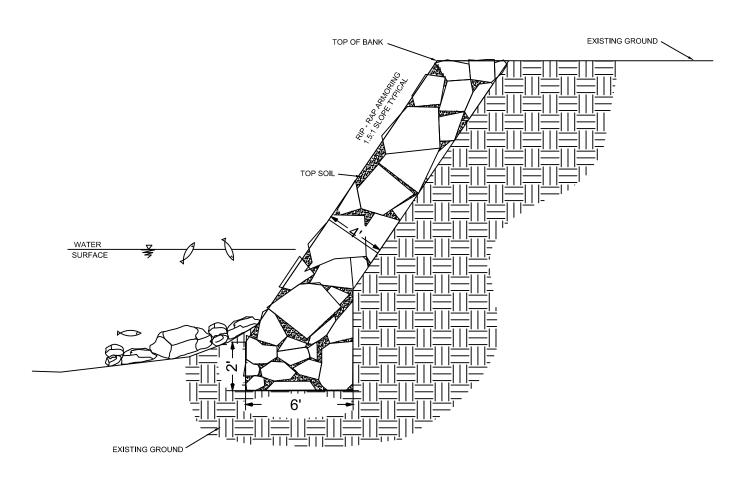


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Montana Fish. Cast In Place Concrete Boat Ramp Details Wildlife & Parls Rosebud West Fishing Access Site





RIP RAP SECTION NOT TO SCALE

RIP RAP SECTION NOTES:

- 1. Riprap Materials: Provide in accordance with State of Montana Transportation standards for Class III Riprap. 3' diameter allowing 40% smaller by weight.
- 2. Provide stone that is hard, durable and angular in shape, resistant to water action and weathering, free from overburden, spoil, shale, structural defects and organic material.
- 3. Each stone must have its greatest dimension not greater than three times its least dimension.
- 4. Do not use rounded stone or boulders from a streambed source as rip-rap. Do not use shale or stones with shale seams.
- 5. Angular faces of stones shall inter-lock to provide stable
- 6. Place riprap along edges of concrete boat ramp where
- 7. Installed Thickness: 4 ft average & 6 ft at toe
- 8. Fill voids with top soil stored from site excavation.

Tom Mannatt		5/01/2016
DRAWN BY:	DATE:	
Troy Monroe		5/01/2016

REVISED BY: DATE:	APPROVED BY:	DATE:
APPROVED BY: DATE:	APPROVED BY:	DATE:



Montana Fish. Site Details
Wildlife & Parks Rosebud West Fishing Access Site